

QUINOLINE-(C=O)-(2-CARBONYL)-(MULTIPLE AMINO ACIDS)-LEAVING  
GROUP COMPOUNDS FOR PHARMACEUTICAL COMPOSITIONS  
AND REAGENTS

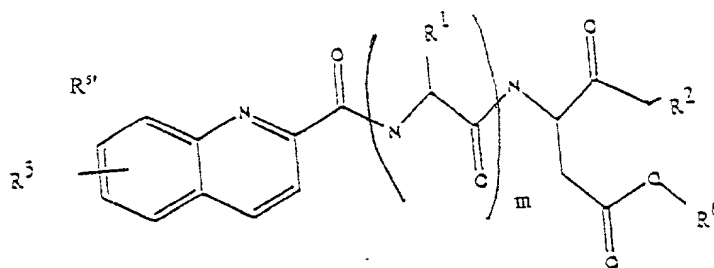
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ABSTRACT OF THE DISCLOSURE

This invention concerns compounds and a pharmaceutical composition of the structure:

wherein:

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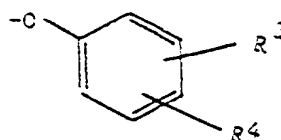
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$R^1$  is selected from the group consisting of alkyl, substituted alkyl, aryl, and substituted aryl which group will produce a natural amino acid structure or an unnatural amino acid structure, and the carbon adjacent to  $R^1$  is in the D or L configuration;

$R^2$  is selected from the group consisting of

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- F and



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wherein  $R^3$  and  $R^4$  are each selected from the group consisting of hydrogen, alkyl, fluoro, chloro, carboxyl, alkoxy, alkyl carbonyl, aryl carbonyl, and amino;  $R^5$  and  $R^6$  are each independently selected from the group consisting of hydrogen, alkyl, alkoxy, fluoro, chloro, carboxy, alkoxy, alkyl carbonyl, aryl carbonyl, and amino,  $R^6$  is selected from the group consisting of alkyl having 1 to 10 carbon atoms, aryl or substituted aryl, and  $m$  is 1, 2 or 3. These compounds are reagents and pharmaceutical compositions have pro-drug and apoptosis properties and are useful in a variety of therapies, for diseases such as

arthritis, ALS, MS, and the like.

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